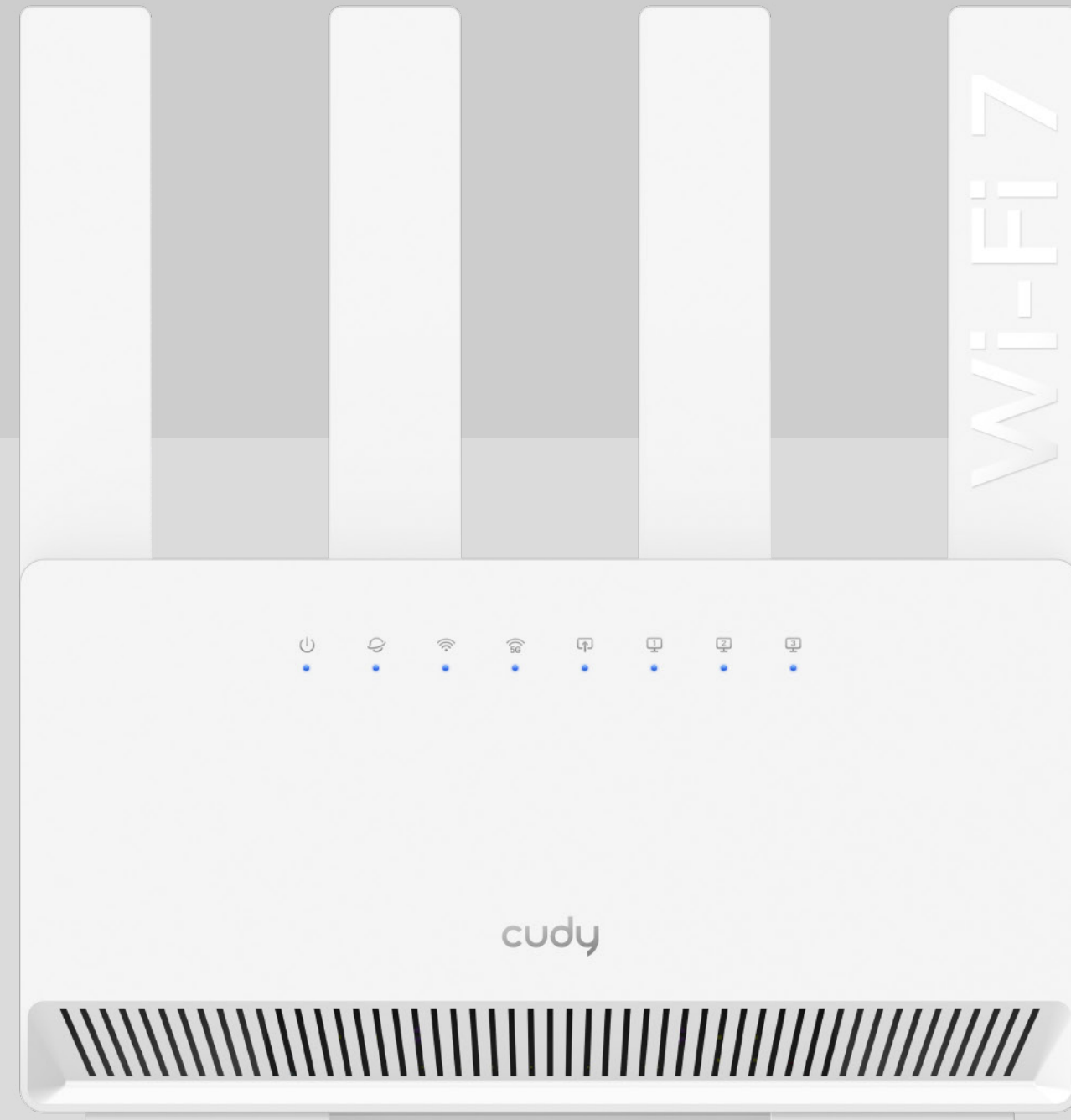




Model: WR3600E

BE3600

Gigabit Wi-Fi 7 Router



[Datasheet](#)



Highlights

A dual-band WiFi 7 router providing the MLO speed aggregation feature, ideal for latency-sensitive, speed-demanding scenarios.

- Broadcom 2 GHz Quad-Core CPU
- 4-Stream Dual-Band Wi-Fi 7
- 2880 Mbps + 688 Mbps Wi-Fi
- 4× Gigabit Ethernet Ports
- 200 Connected Devices
- Covers 130 m² (1,400 ft²)
- VPN Server and Client
- Cudy App, Cloud Control

Package Content

- WR3600E
- Power Adapter
- Ethernet Cable
- Installation Guide

Hardware Specs

CPU	Chipset	BCM6764
	CPU Details	2.0 GHz Quad-Core, ARM Cortex-A7
Memory/Storage	Flash/ROM	128 MB (1 Gbit) NAND
	DDR/RAM	512 MB (4 Gbit) DDR3L
Wireless	5 GHz Wi-Fi Speed	2880 Mbps
	2.4 GHz Wi-Fi Speed	688 Mbps
	5 GHz Wi-Fi Streams	2T2R (2×2 MIMO)
	2.4 GHz Wi-Fi Streams	2T2R (2×2 MIMO)
	Wi-Fi Antennas	4× Fixed
	5 GHz Antenna Gain Max	7.8dBi
	2.4 GHz Antenna Gain Max	5.2dBi
	FEM or PA/LNA	5 GHz: 2× External 2.4 GHz: 2× Internal
	Beamforming	True
	Range Performance	Max: 240 m (787 ft) Indoor WiFi range varies depending on the layout and wall materials. See Wall Performance spec for placement suggestions.
Wall Performance	Two wooden walls with thickness < 10 cm (4") One concrete wall with thickness < 20 cm (7") or two concrete walls with thickness < 10 cm (4")	



Hardware Specs

Interfaces	Gigabit RJ45 Ports	4	
	Ethernet Notes	1 × WAN port, the rest are LAN ports	
	LED	System	Internet
			2.4 GHz Wi-Fi
			5 GHz Wi-Fi
			WAN
		LAN	
	Physical Buttons	WPS Button	
		Reset Button	
	Power Input	DC Jack	
Power	Power Methods	DC	
	DC	12V 1A	
	Power Adapter	Input: 100 ~ 240 V, 50/60 Hz AC	
	Max Power Consumption (W)	8.5W	
Reliability	Environment	Operating Temperature: 0 °C ~ 40 °C (32 °F ~ 104 °F)	
		Storage Temperature: -40 °C ~ 70 °C (-40 °F ~ 158 °F)	
		Humidity: 10% ~ 90% non-condensing	
		Storage Humidity: 5% ~ 95% non-condensing	

Certifications	FCC, CE	
Mechanical	Installation	Desktop
	Product Weight	333.5 g (11.76 oz.)
Ordering Information	Retail Package Weight	EU: 763.5 g (26.93 oz.)
	Carton Gross Weight	EU: 8.5 kg (18.74 lbs)
	Carton Net Weight	EU: 7.6 kg (16.76 lbs)

Software Specs

Wireless	Wi-Fi Standards	Wi-Fi 7	
	Max Wi-Fi Modulation	4K-QAM	
	Wi-Fi Efficiency	MLO	MRU
			Puncturing
			OFDMA
			MU-MIMO
		BSS Color	
	Max Capacity	512	
	Recommended Client Upper Limit	200	
	Max Wi-Fi Channel Width	160 MHz	
	Wi-Fi Security	WPA/WPA2/WPA3	
	Guest Network	2.4 GHz, 5 GHz	
	WPS	True	

Software Specs

General	Operation Modes	Wi-Fi Router Access Point
	Multi-WAN	True
	Multi-Band Backhaul	True
	WAN Mode	DHCP
		Static IP
		PPPOE
Notes	The Range Extender/WISP/Client modes will be available with later firmware upgrade.	
Network	QoS	Per-User Rate Limiting
	DHCP	Address Reservation
		DHCP Client List
		Server
	IP Versions	IPv4/IPv6
	IPv6 Protocols	Relay
		Dynamic (SLAAC/DHCPv6)
		Static (Fixed IP)
		Passthrough
		464XLAT
MAP-E		
DS-Lite		

Network	IPTV/VLAN	Bridge
		Tag VLAN
		TTL Customization
	IGMP	Extend
		Spoof
		Custom
	Forwarding	IGMP Proxy
		IGMP Snooping
		Port Forwarding
		Port Triggering
		UPnP
	Firewall	DMZ
		SPI Firewall
		DoS Protection
	Application Layer Gateway	Block PING
		IPSec Passthrough
		L2TP Passthrough
		PPTP Passthrough
		FTP Passthrough
TFTP Passthrough		
H323 Passthrough		
SIP Passthrough		
RTSP Passthrough		



Software Specs

Utilities	VPN Server	WireGuard
		OpenVPN
		IPsec
		Zerotier
		PPTP
		L2TP
	VPN Client	WireGuard
		OpenVPN
		IPsec
		Zerotier
		PPTP
		L2TP
	DNS Options	DNS over TLS
		Manual DNS
		Rebind Protection
		Override Clients' DNS
	DNS over TLS Providers	Cloudflare
		Google
		Quad9
		Custom
	Wake on LAN	True
	Online Detection	True

Management	All Devices Management	Wi-Fi Time Schedule
		MAC Filter
		IP/MAC Binding
	Per-Devices Management	Intenet On/Off
		VPN On/Off
		Online Time Schedule
		Device Rename
	Content Management	Domain Filter
		IP Filter
System	LED Control	True
	Local Control Method	Config Web Page
		App Control
	Remote Control Method	Config Page via HTTPS
		App Control
		TR069/TR098/TR111/TR181
	Firmware Upgrade	Local Update
		App (Over the Air)
		Online Update
	Reliability	Timed Reboot
		Backup and Restore



Software Specs

System	Diagnostic Tools	Diagnosis
		Ping
		Traceroute
		NSLookup
		System Log
	Languages	<ul style="list-style-type: none"> • English • Bengali • Catalan • Czech • German • Greek • Spanish • French • Hebrew • Italian • Croatian • Hungarian • Khmer • Korean • Dutch • Japanese • Russian • Slovak • Swedish • Romanian • Turkish • Vietnamese • Thai • Ukrainian • Polish • Norwegian • Portuguese • Simplified Chinese • Traditional Chinese
Drivers	Config Page via HTTPS, App Control, TR069/TR098/TR111/TR181	
Dashboard	Panel	Internet Status Devices Management WAN Status LAN Status Wi-Fi Status VPN Status DHCP Server Status System Version

Dashboard	Charts	Internet Speed
		Wi-Fi Speed
	Notes	Mesh Status and WISP Status will be available with later firmware upgrade. Mesh Topology and WISP Speed will be available with later firmware upgrade.
Wake on LAN	WAN	
Protocols	802.1 Protocols	Diagnosis Ping Traceroute NSLookup System Log